

Title (en)

METHOD AND APPARATUS FOR RESOLVING TOUCH SCREEN AMBIGUITIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFLÖSUNG VON BERÜHRUNGSBILDSCHIRMMEHRDEUTIGKEITEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR RÉSOUDRE DES AMBIGUÏTÉS D'ÉCRAN TACTILE

Publication

EP 3195095 A4 20180418 (EN)

Application

EP 15842839 A 20150829

Priority

- US 201414486800 A 20140915
- US 2015047616 W 20150829

Abstract (en)

[origin: US2016077664A1] A method and apparatus that resolve near touch ambiguities in a touch screen includes detecting a touch screen touch event and detecting a vibro-acoustic event. These events generate signals received respectively by two different sensors and/or processes. When the two events occur within a pre-defined window of time, they may be considered to be part of the same touch event and may signify a true touch.

IPC 8 full level

G06F 3/041 (2006.01); **G06F 1/32** (2006.01); **G06F 3/0488** (2013.01); **G09G 5/18** (2006.01)

CPC (source: EP US)

G06F 1/3262 (2013.01 - EP US); **G06F 3/04186** (2019.04 - EP US); **G06F 3/0488** (2013.01 - EP US); **G06F 2203/04104** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2016043957A2

Cited by

US11619983B2; US11969128B2; US11029785B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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US 11619983 B2 20230404; **US 2016077664 A1 20160317**; CN 106200861 A 20161207; CN 106200861 B 20220222; EP 3195095 A2 20170726; EP 3195095 A4 20180418; EP 3195095 B1 20210428; WO 2016043957 A2 20160324; WO 2016043957 A3 20160901

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US 201414486800 A 20140915; CN 201510240522 A 20150513; EP 15842839 A 20150829; US 2015047616 W 20150829